

Applicant : Taka-Aki Sato  
Serial No.: 10/018,169  
Filed : December 7, 2001  
Page 12

REMARKS

The January 18, 2006 Notification states that the subject application fails to comply with the requirements of 37 C.F.R. §1.821-1.825. Accordingly, the Notification requires applicant to submit a substitute Sequence Listing and computer diskette. The Notification further requires that sequence identifiers must be amended into the claims where appropriate.

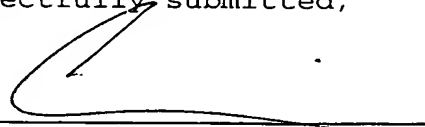
In response to the Notification, applicant submits a substitute Sequence Listing attached hereto as **Exhibit B** in compliance with the requirements of §1.821-1.825. In addition, applicant submits herewith the substitute Sequence Listing on the enclosed computer diskette. Moreover, applicant submits as **Exhibit C** a Statement In Accordance With 37 C.F.R. §1.821(f) certifying that the information in the computer readable form and that in the paper copy are the same, and that the Sequence Listing does not introduce new matter. Finally, applicants have amended claims 5, 6, 11, 13, 15, 18, 39, 41, 46, and 53 to correct claim dependencies and also amended claim 6 to reflect the proper SEQ ID NO. for the recited sequence.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicant's undersigned attorneys invite the Examiner to telephone them at the number provided below.

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Page 13

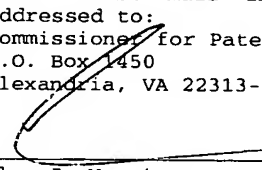
No fee is deemed necessary in connection with the filing of this Amendment. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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Alan J. Morrison  
Registration No. 37,399  
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I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:  
Commissioner for Patents,  
P.O. Box 1450  
Alexandria, VA 22313-1450



Alan J. Morrison  
Reg. No. 37,399

Date 2/21/06



## UNITED STATES PATENT AND TRADEMARK OFFICE

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 United States Patent and Trademark Office  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/018,169	Taka-Aki Sato	59131-A PCT-US/JPW/FHB
INTERNATIONAL APPLICATION NO.		
PCT/US00/15621		
I.A. FILING DATE	PRIORITY DATE	
06/07/2000	06/07/1999	

Cooper & Dunham  
 1185 Avenue of the Americas  
 New York, NY 10036

CONFIRMATION NO. 8510

371 FORMALITIES LETTER



\*OC000000017856296\*

Date Mailed: 01/18/2006

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 12/07/2001
- Copy of the International Search Report filed on 12/07/2001
- Copy of IPE Report filed on 12/07/2001
- Preliminary Amendments filed on 12/07/2001
- Information Disclosure Statements filed on 10/09/2002
- Oath or Declaration filed on 07/02/2002
- Biochemical Sequence Listing filed on 12/07/2001
- Small Entity Statement filed on 12/07/2001
- Request for Immediate Examination filed on 12/07/2001
- Copy of references cited in ISR filed on 12/07/2001
- U.S. Basic National Fees filed on 12/07/2001

Applicant's response filed 01/17/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 03/22/2002 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).
- Sequences appearing in the specification and/or drawings must be identified by sequence identifier in accordance with 37 CFR 1.821(d). Sequence identifiers for sequences appearing in the drawings may

appear in the Brief Description of the Drawings. Applicant must provide appropriate amendments to the specification or drawings inserting the required sequence identifiers. If the amendments are extensive then a substitute specification may be required.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DONNA S GREENE

Telephone: (703) 308-9140 EXT 222

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/018,169	PCT/US00/15621	59131-A PCT-US/JPW/FHB

**PCT/DO/EO Routing Sheet**

**APPLICATION**

**10/018,169**

**TO BE DELIVERED TO:**

**PCT OPS NATIONAL STAGE  
MANAGER**


**PCT/DO/EO**

**LOC 5630**

**Sequence Rule Compliance Review Item**

<input type="checkbox"/>	CRF, paper copy of sequence listing, and statement that both are same missing
<input type="checkbox"/>	CRF contains error(s) according to STIC Report
<input type="checkbox"/>	CRF damaged or unreadable according to STIC Report
<input checked="" type="checkbox"/>	Sequences in claims without Sequence Identifiers

**Place an "X" in the appropriate box**

  
**BRENDA BRUMBACK**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 1600

Claims 6, 7, 36 and 37 recite amino acid sequences. However, no Sequence Identifiers are present in the claims

10/018, 169